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RALLITEK
NEWS
Dedicated to improving your Subaru's fun, safety & performance
January - March 2007 • Issue #9

SUBIEFEST!

by Sean Sexton

On a cold November morning in the Pacific Northwest, I pulled into Pacific Raceway outside of Seattle, Washington. Sunrise is still a few minutes away, steam hangs like a cloud in the still morning air. Weather was stormy and raining yesterday, and another storm is coming in for tomorrow, but today promises to be just the break needed for a successful event. Garner started setting up as I went to take some pictures of folks setting up, and in search of some hot coffee.

SubieFest has plenty of events going on. RallyCross, Time Attack on the racetrack, Car Show, Vendor Booths, Raffle prizes, and lots more. **RalliTEK** is entered in the time attack, and donated 3 custom dyno tunes as prizes for the show.

Our drivers were late for the time attack, and I was growing concerned. One of our customers decided to take the place of one of our

missing STIs. We put vinyl on the car, while he went to the driver's meeting and got an entry in just in time. Staged next for the time attack, my anxiety level is higher than I can describe. The competition is very fierce, and I want a victory, or at least place near the top.

Just as we are set to go enter the track, one of the other cars had a rather nasty wreck that closed the track for the rest of the day. That was very disappointing, but no one was seriously hurt, and I am thankful for that.

The rest of the show went well. SubieFest had a turnout of over 1200 enthusiasts. It was great to see my fellow enthusiasts and put faces with screen names from the forums. Talking to our fellow vendors, some of which we had not seen in months, was also very rewarding. Seeing faces of old friends and talking about the last year's adventures is very precious to me.

SubieFest II is in our home town of Portland, OR in April. Stay Tuned for news from the next SubieFest.

www.rallitek.com

SEMA 2006

by Christopher Delano

So I've been sitting here at my desk trying to figure out a way to describe the Las Vegas SEMA (Specialty Equipment Market Association) show. There truly is no way I can begin to describe the show to you. There is only one word I could say to help you fathom what takes place at SEMA, "chaos" just absolute chaos for all automotive enthusiasts' brains to comprehend. I say it's chaos because when you walk around outside the 2.5 million square foot convention center, you feel like a child in the world's largest candy store with no direction, or clue where to begin. There are things appealing and begging you to wander in their direction. It's easy to get lost outside the convention center between the hundreds of vendors and vehicles lining all walkways and parking lots with activities and displays. Monster trucks, 4X4's, concept vehicles, tuner cars, and exotic cars that the average millionaire would have a hard time getting his hands on are everywhere teasing you. Of course you know the show itself is not chaos, SEMA is actually very organized for the size and variables that take place at such an event. SEMA is a lengthy 4-day event. You could spend the whole time just walking around outside the convention center. It's a whole different ball game when you walk through

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What's New

AVO Japan Invades RalliTEK

by Sean Sexton

AVO Japan was here at **RalliTEK** for a week. We were testing new AVO Legacy GT and Outback XT turbos, as well as an all new front mount intercooler for Legacy GT and Outback XT. AVO and **RalliTEK** are now offering 5 different turbos for Subaru Legacy GT and Outback XT. The turbos range in power and response levels. The larger turbos have less response (more lag) but make more power once they are spooled up. Smaller turbos are more responsive, but do not make as much power. You can now choose from AVO LGT380, LGT420, LGT450, LGT500, and LGT550 turbos for your Subaru LegacyGT or Outback XT. These AVO turbos fit all 2005 and newer Legacy GT/XT models. AVO turbochargers feature single-cartridge, dual ball-bearing technology. Our turbochargers generate far less frictional drag and are 10 times more durable than traditional journal-bearing turbochargers.

To prepare your car for an AVO turbo upgrade, you will need to start with a full exhaust system upgrade, and AVO Power Intake and High Volume Fuel Pump.

As you progress through the power upgrades you will need a **RalliTEK** ReFlash for your engine control unit. This will optimize your upgrades and keep your engine running smooth and safe.

RalliTEK's base turbo upgrade kit includes a new AVO Ball Bearing LGT380 Turbo, with an AVO direct replacement Top Mount Intercooler, and an AVO blow off valve. This kit has faster turbo spool up and throttle response than stock, as well as providing a signifigant increase in power through the mid and top rpm range.

RalliTEK Mid Power features the AVO LGT420 turbo along with Upgraded Fuel Injectors, AVO Top Mount Intercooler, and AVO Blow Off Valve. This kit is best for those looking to continue to add power. The turbo has more top end room for you to add an Aqua-Mist kit for more agressive tuning.

RalliTEK High Power turbo upgrades feature AVO Front Mount Intercooler and AVO LGT450 turbo. Capable of taking your stock engine to the limit if you so desire, this power level is almost frightening at full boost.

RalliTEK Ultimate Power Turbo upgrades feature AVO LGT500 or LGT550 turbos and front mount intercooler, but require engine internal upgrades to optimize the power output capability of the AVO turbo.

Installation Facility Open House

by Christopher Delano

SSI's install facility (**RalliTEK**) has been up and running since September 2006. The **RalliTEK** install facility has proven to be a great addition to our company. Its given us the opportunity to work with customers one on one and develop many new products. We have received amazing support from all our customers during this venture starting the install facility. Once we got the shop squared away, we wanted to thank our customers by hosting an open house.

RalliTEK's GM Sean Sexton came up with all sorts of activities that could take place during the open house. Sean not only wanted to have a gathering of Subaru and Volvo owners hanging out, he wanted to get them involved at the event that would benefit a local charity. He organized a poker run that would take Volvo and Subaru owners on a venture through the gorgeous Columbia River Gorge and back to ***SSI***. Volvo and Subaru owners paid $10.00 to participate in the event. They left ***SSI*** around 9:00am and made their way up the Columbia River Gorge Historic Scenic Highway where they would encounter multiple stops. Once they reached a designated stop, they would test their luck and draw a playing card from one of our volunteers. After they reached all five stops, the contestants came together to see who put together the best poker hand. Participants with the best poker hands won prizes provided by ***SSI*****/RalliTEK**.

SSI**/RalliTEK** gave away plenty of "Schwag" for all the participants. Hosting the open house allowed current customers and prospective customers to wander through the shop and see an in depth view of how organized and convenient our facility really is. While customers walked around they enjoyed barbecued hot dogs, chili, and tons of appetizers, thanks to Sin Sengmanyphet, an ***SSI*****/RalliTe**k employee who has been designated as our resident chef! Sin and his wife were working very hard making sure there was plenty of food ready to dish up during the event.

SSI**/RalliTEK** donated all the proceeds from the event to the Oregon Humane Society. The Oregon Humane Society has been dedicated to protecting animal rights since the late 1800's. OHS serves over 13,000 animals a year with a staff of 80 employees and thousands of volunteers. The Oregon Humane Society is dedicated to adopting out

100% of the animals turned in to their shelter. The ***SSI*****/RalliTEK** open house was able to donate $270.00 from the participants in the poker run. The Oregon Humane Society and the ***SSI*****/RalliTEK** staff thank our customers for contributing and participating in the event. We look forward to more gatherings in the future!

Sale Prices are Good Through March 30, 2007

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the front doors and see herds of people funneling their way through all the different sections. Inside the convention center there are over 10,000 exhibitors ready to speak to you about the latest and greatest products ready to hit the market. If it's automotive related, you'll be sure to find it somewhere in the midst of automotive heaven!

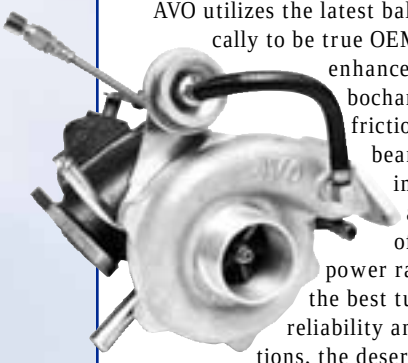
SEMA is the world's premier automotive specialty products trade event. Even though it's not open to the general public, it draws over 100,000 of the industry's brightest minds and cutting edge products all in one place. We send our crew to SEMA to hunt down new products catering to our vehicles. Being at SEMA allows us to follow up with current vendors and build relationships with new ones. I'm fortunate enough to go to SEMA and be a part of the hunting crew to find these products. It's impossible for one person to actually see all the aisles and parts when walking the show, so we designate certain people to hit certain areas. Having the **RalliTEK** crew on board this year made life a little easier finding new products for Subarus.

SEMA 2006 was inundated with American muscle cars. Many of the industry's automotive builders expanded their imaginations by taking historic muscle cars beyond today's modern machines. The Ford Mustang, Chevrolet Camaro, and Pontiac GTOs were equipped with suspension, brakes, wheel and tire combos, interior, and even some body modifications making them look like modern marvels. The Ford Mustang had a very strong presence in vendor booths inside as well as a strong presence racing around the Proving Grounds outside. The import scene was still flooded with Subarus, Evos and Hondas. The new Honda Fit was a crowd pleaser, showing off the possibilities of upgrading the new zip-zap car. Subaru North America had quite the display with their new Legacy GT Spec B, along with a Forester XT Sport that had a 6speed gearbox, Brembo brake package, 18" BBS wheels and body kit. The Forester was my personal favorite being a straight

STI replica rolled up into a mid-sized wagon. These models should be available next year.

I'm fortunate to attend the Las Vegas SEMA show. Anyone who is a car enthusiast would appreciate the time and money that goes into each vehicle on display. SEMA is the ultimate bragging grounds and location to show off your company's abilities to create a driving work of art. I still get the itch to jump off the plane and get myself to the convention center to start my week long of oooh's and aaaaah's. SEMA has come a long way to keep the aftermarket moving in the right direction. Our company is very thankful to have such an organization to be a part of. If you would like to know more about SEMA, visit www.sema.org SSM RalliTEK

AVO Ball-Bearing Turbochargers



AVO utilizes the latest ball-bearing technology in a bolt-on turbocharger solution for all Subaru turbo models. Designed specifically to be true OEM quality, with proper oil and water cooling lines. What's more, not only does the ball-bearing design enhance response and spool times, it is more reliable than the journal-bearing design used by the OEM turbocharger. Thanks to single-cartridge, dual ball-bearing technology, our AVO turbochargers generate far less frictional drag and are 10 times more durable than traditional journal-bearing turbochargers.Our AVO ball-bearing turbochargers ship with all the necessary parts for a true bolt-on and go experience. Also included in this package is an AVO 15psi adjustable solid boost actuator. Higher rated solid boost actuators are also available. When we say bolt-on, we mean it! The numbered designation refers to the performance level of the turbocharger. On your turbocharged Subaru, it will provide up to the rather conservative horsepower rating with proper supporting modifications and ECU tuning. AVO turbochargers are designed by one of the best turbo engineers on the planet, Terry Wilson, and are made to extra tight tolerances for the maximum in reliability and durability. Much of our testing is not only on a workbench, but in the harshest of real-world conditions, the deserts of Dubai. When you buy an AVO ball-bearing turbocharger, you are buying into technology that works. Supplied with a 15psi (1bar) solid boost actuator. Includes all oil and water fittings.

WRX/STI Turbo's

AVO 320 WRX 2.0L	**NJWRX-1220-000**	$1599.00
AVO 380S WRX 2.0L	**NJWRX-1275-000**	$1799.00
AVO 400L WRX 2.0L	**NJWRX-1270-000**	$1850.00
AVO 420 WRX 2.0L	**NJWRX-1270-045**	$1850.00
AVO 450 WRX 2.0L	**NJWRX-1300-000**	$1950.00
AVO 500 WRX 2.0L	**NJWRX-1330-000**	$1970.00
AVO 550 WRX 2.0L	**NJWRX-1340-000**	$2150.00

2005 Legacy GT Outback XT Turbo's

AVO LGT 380	**NJLEG-1270-034**	$1850.00
AVO LGT 420	**NJLEG-1270-000**	$1850.00
AVO LGT 450	**NJLEG-1300-000**	$1950.00
AVO LGT 500	**NJLEG-1330-000**	$2050.00
AVO LGT 550	**NJLEG-2200-000**	$2150.00

NEW!

AVO Upgrades

AVO Boost Control Actuator

An AVO actuator endows the factory turbo with a more solid boost response, while ensuring that boost is maintained at a preset level, resulting in increased torque and HP. Where the factory actuator drops boost as the revs rise, the AVO actuator delivers constant boost all the way to redline and beyond. An extremely safe, reliable and effective means of raising your boost level. This actuator is for the US domestic market Subaru models ONLY.

Legacy GT (VF40 Turbo)	2005-on	**NJLEG-060**	$199.00	***SALE $179.99***
WRX (TDO4 Turbo)	2002-06	**NJWRX-060**	$199.00	***SALE $179.99***
STI (VF39 Turbo)	2004-06	**NJSTI-060**	$199.00	***SALE $179.99***

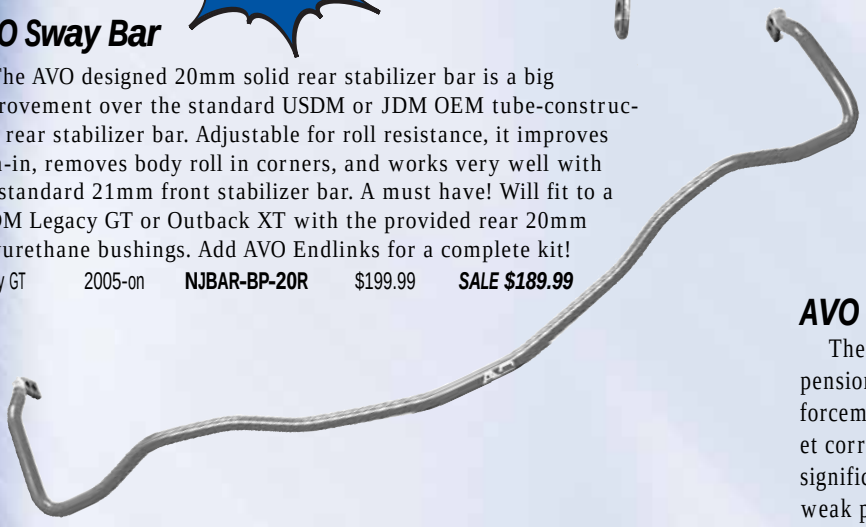
AVO Dual Stage Blow-off Valve

AVO blow-off valves are a 50% re-circulate, 50% vent system that retains the return tube, keeping the stock computer system happy, while an additional vent with re-moveable plate sends high-speed air out to the atmosphere.

Legacy GT 2005, WRX 2006-07	**NJAVO-060-BPBL**	$299.00	***SALE $279.99***
WRX, STI 2002-05	**NJWRX-2001-008**	$270.00	***SALE $249.99***

NEW!

AVO Sway Bar



The AVO designed 20mm solid rear stabilizer bar is a big improvement over the standard USDM or JDM OEM tube-construction rear stabilizer bar. Adjustable for roll resistance, it improves turn-in, removes body roll in corners, and works very well with the standard 21mm front stabilizer bar. A must have! Will fit to a USDM Legacy GT or Outback XT with the provided rear 20mm polyurethane bushings. Add AVO Endlinks for a complete kit!

Legacy GT	2005-on	**NJBAR-BP-20R**	$199.99	***SALE $189.99***

AVO Suspension Mounts

The AVO rear suspension mount reinforcement bracket corrects a significant weak point on the Subaru Legacy and Outback. The standard stabilizer mount point is very flexible, and has been known to break when stronger rear stabilizer bars are fitted. Or even with standard rear stabilizer bars when the car is driven too sportily! The AVO mount fixes this problem in an elegant manner, and is compatible with any rear stabilizer bar that uses the standard rear bracket, including the AVO stabilizer bar upgrades.

Legacy	2005-07	**NJAVO-027M**	$99.00	***SALE $89.99***

AVO Intercoolers

The standard factory setup for the Legacy GT is quite inefficient and does not allow your engine to produce anywhere near its full potential. The AVO intercooler upgrade kit uncorks your engine, giving you much more wheel horsepower. This power is found everywhere on the RPM band, making your Legacy much more fun to drive. You'll feel better response and a deeper well of torque to dip into! Installs in minutes with no modifications. Works with factory engine covers.

Legacy GT	2005-on	**NJLEG-1344-000**	$799.00	***SALE $775.00***
WRX	2005-on	**NJWRX-1344-250**	$799.00	***SALE $775.00***
STI	2005-on	**NJWRX-1344-500**	$799.00	***SALE $775.00***
WRX/STI	2002-05	**NJWRX-1348-000**	$799.00	***SALE $775.00***
WRX/STI	2006-07	**NJWRX-1349-000**	$799.00	***SALE $775.00***

Sale Prices are Good Through March 30, 2007

AVO Upgrades

AVO Exhaust Systems and Up-pipe

Your stock Subaru incorporates three catalytic converters. One located pre-turbo in the up-pipe, and two more in the factory downpipe. The factory catalytic converters are very restrictive, which is why AVO has addressed this issue by creating the best up-pipe and downpipe in the industry. AVO"s downpipe incorporates a C.A.R.B. approved race cat that will decrease back pressure and allow an increase in performance without sacrificing emmisions.

AVO's up-pipe incorporates a flex joint similar to the OEM part, eunsuring a tight fit relieving stress off other components. AVO's up-pipe eliminates the restrictive catalytic converter allowing your turbo to spool up faster. The AVO up-pipe is legal for off road and race use only.

When it comes to manufacturing exhaust systems, AVO leads the way in quality and performance. Just like the downpipe and up-pipe AVO's exhaust systems are tested thoroughly to ensure fitment and a noticeable power increase. AVO's exhaust will not only increase performance, it keeps the noise levels to a neighborhood friendly tone, making everyone's experience a good one! If your looking to replace your stock exhaust system, AVO offers a full cat back, or muffler replacements pending on application.

All AVO exhaust components are manufactured from high-grade (304) stainless steel ensuring longevity and great looks. If fitment, appearance, and the best quality is important to you, then AVO is the only way to go!

AVO Downpipe

Legacy GT (w/o cat.)	2005-on	**NJLEG-2005-500**	$595.00	***SALE $575.00***
Legacy GT (w/cat.)	2005-on	**NJLEG-2005-550**	$595.00	***SALE $575.00***
WRX, STI (man trans)	2002-06	**NJWRX-2005-550**	$595.00	***SALE $575.00***

AVO Up-Pipe

All Turbo Models	2002-on	**NJWRX-2009-2001**	$320.00	***SALE $299.99***

AVO Cat Back Exhaust Systems

WRX, STI	2002-on	**NJWRX-2002-550**	$750.00	***SALE $699.99***

AVO Center Pipe with Resonator

Legacy GT	2005-on	**NJLEG-3005-500**	$690.00	***SALE $675.00***

AVO Legacy GT Twin Muffler System

Legacy GT	2005 - Type 2	**NJLEG-3002-500**	$599.99	***SALE $575.00***

AVO Intakes

When it comes to developing indestructible functional products, AVO is way ahead of the industry standard. AVO takes pride in the appearance and fitment ensuring your install experience is positive. All AVO products are thoroughly tested to achieve the highest quality possible. AVO has developed the best air intake systems to suit all aspects of your vehicle's upgrades. If you have a stock air box the AVO Panel Filter is a direct replacement. If you're looking for more performance the AVO Power Intake bolts on in minutes. AVO has also designed a flawless Turbo Inlet Hose. The stock inlet tube becomes restrictive around 300 crank hp. AVO's silicone inlet tube will allow a 30% increase in flow bolting up to all your stock components. For more information regarding AVO's intake systems, check out www.rallitek.com

AVO High Flow Panel Filter

Legacy GT, Outback XT	2005	**NJLEG-PAN-000**	$55.00	***SALE $49.99***
WRX,STI	2002-06	**NJWRX-PAN-000**	$55.99	***SALE $49.99***

AVO Power Intake

Legacy GT, Outback XT	2005	**NJLEG-1630-500**	$199.99	***SALE $179.99***
WRX,STI	2002-06	**NJWRX-1630-000**	$159.99	***SALE $149.99***

AVO High Flow Turbo Inlet Tube

WRX,STI 2002-2006 BLUE	**NJWRX-3120-000**	$279.00	
WRX,STI 2002-2006 RED	**NJWRX-3100-000**	$279.99	

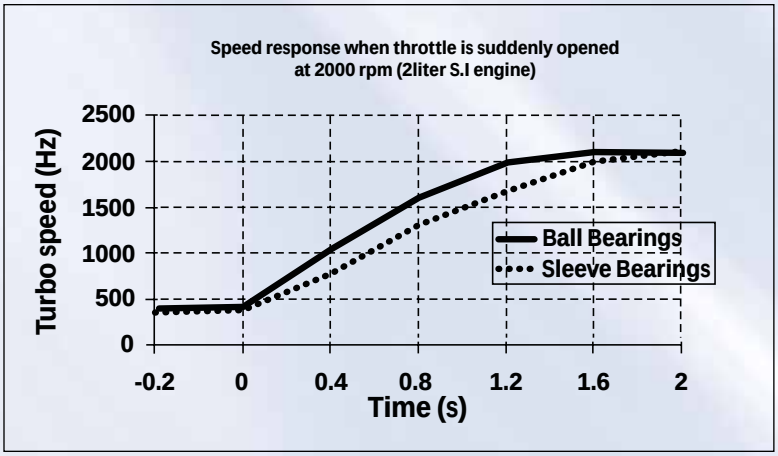
AVO Turbo Information

AVO Turbos
by AVO Turboworld

AVOTurboworld – For All Your Turbo Needs

All AVO ball-bearing turbochargers are water-cooled and come with the proper oil and water lines. Our turbochargers have been designed to perform in the harshest conditions possible, and have been tested in them as well. AVO products are not designed to be as reliable as OEM - they are designed to be much better than OEM. High nickel content housings ensure our turbos will go the distance.

Another key performance points is the Garrett® compressor and turbine wheels, which are lightweight with knife-like edges for unmatched spooling, yet built strong for reliability. An AVO ball-bearing turbocharger is likely to outlast your engine.



True Ball-Bearing Turbochargers

Thanks to single-cartridge, dual ball-bearing technology, Garrett® turbochargers generate far less frictional drag and are 10 times more durable than traditional journalbearing turbochargers. New, efficient turbine stages deliver more power to your engine and allow ball bearing turbochargers to spool up faster than ever and have proven to be far more durable than journal bearing turbochargers.

Journal Bearings vs. Ball Bearings

For a long time, journal bearings have been the standard technology used within a turbocharger, dating from when turbochargers were mainly used in diesel trucks. In the last few decades, turbochargers are being used with increasing frequency within passenger cars, which operate over a longer rpm range and use smaller petrol motors. To address the needs of the modern automobile, ball-bearing cartridges were designed to improve turbocharger response. Expensive at first, it is now an affordable technology advancement that provides significant performance improvements to the turbocharger. The ball bearing cartridge design is a single sleeve system that contains a set of angular contact ball bearings on either end, whereas the traditional bearing system contains a set of journal bearings and a thrust bearing.

Turbo Response

When driving a vehicle with the cartridge ball bearing turbocharger, you will find exceptionally crisp and strong throttle response. Ball bearing turbochargers spool up 15% faster than traditional journal bearings. This produces an improved response that can be converted to quicker 0-60 mph speed. And many AVO turbocharger users agree, with some feeling that it feels like they are driving a big, normally aspirated engine thanks to the incredible increase in response and the linear delivery of power.

Reduced Oil Flow

The ball bearing design reduces the required amount of oil required to provide adequate lubrication. This lower oil volume reduces the chance for seal leakage. Also, the ball bearing is more tolerant of marginal lube conditions, and diminishes the possibility of turbocharger failure on engine shut down. Improved Rotor Dynamics and Durability Ball-bearing cartridges offer much better damping and control over shaft motion, allowing enhanced reliability for both everyday and extreme driving conditions. Too much shaft motion can lead to an early failure of the turbocharger, and is a leading cause of early failure with journal bearing turbochargers. In addition, the opposed angular contact bearing cartridge eliminates the need for the thrust bearing - commonly a weak link in the turbo bearing system.

Water Cooling

Following a hot shutdown of a turbocharger, heat soak begins. This means that the heat radiating off the hot engine head, exhaust manifold, and turbine housing finds it way to the center housing of the turbo, raising its temperature. Extreme temperatures in the center housing can result in oil coking, another cause of turbocharger failure. To minimize the effects of heat soak-back, AVO only uses water-cooled turbo center housings. These use coolant from the engine to act as a heat sink after engine shutdown, preventing the oil from boiling and leaving deposits. The water lines utilize a thermal siphon effect to reduce the peak heat soak-back temperatures after you turn the car off. Please take care with the layout of the pipes, which should minimize peaks and troughs with the (cool) water inlet on the low side.

Wastegate & Turbo Housings

The AVO380lgt turbo uses an internal wastegate design that is built into the turbine housing, which consists of a “flapper” valve, crank arm, rod end, and pneumatic actuator. The AVO turbine housing is designed for maximum flow with an internally wastegated housing, as we run the largest wastegate swing valve possible to reduce chances of boost creep in high horse power engines. The quality of the AVO turbine housing is far above the rest with thousands of hours invested into R&D to insure our turbo housing performance. We only use the highest quality, high temperature casting, which are machined on a 5-axis CNC machine to ensure we maintain the precise tolerances necessary for maximum performance and reliability.

Performance Upgrades

JDM Spec-C One Piece Intake and Fuel Rails

Genuine JDM Spec-C Intake Manifold features a high flow design with no TGV valves, and is all one piece! The USDM manifold is 3 pieces and has restrictors called 'Tumble Generator Valves' that help emissions at idle. Increase power and flow by adding this manifold to your must have list. Fuel Rails are NOT included. Manifolds require 'Fuel Rails'. DM Spec-C Fuel Rails make our JDM Spec-C One Piece Intake Manifold a direct bolt in. Take any 'custom' work out of installing a Spec-C one piece manifold in your WRX.

WRX	2002-06	JDM Spec-C Intake Manifold	**NJJDM-MANI-WRX**	$599.99	***SALE $459.99***
WRX	2002-06	JDM Spec-C Fuel Rails	**NJJDM-SPEC-RAILS**	$299.99	

Rallitek Power 6

RalliTEK PerfectPower6 ECU Tuner is available for all non-turbo Subaru vehicles, is your answer to the most power and efficiency. By controlling fuel mixture and ignition timing, your engine setup is optimized. RalliTEK has dyno tested maps for your current and future setups. Future maps are no extra charge to RalliTEK PerfectPower6 owners. RalliTEK PerfectPower6 also features simple software for tuning yourself, datalogging, or using advanced features like nitrous control, 5th injector mapping for turbo applications, shift lights, speed cut eliminator... You have 3 'off the shelf' maps to choose from. Custom dyno tune for your fuel/setup will yeild even better results!

Stage1 map is for stock cars.
Stage2 map is for Intake and/or Exhaust.
Stage3 map is for Intake, Exhaust, and Cams.

Rallitek Power 6 ECU all models all years **NJRTK-PP6** $499.99 ***SALE $399.99***

Injen Performance

Exhaust Systems

Adding a performance exhaust system is usually one of the first upgrades an enthusiast looks to install on their Subaru. **SSI** is proud to offer Injen's new line of cat-back exhaust systems. Injen Technology's Super SES line of cat-back exhaust systems are dyno-tuned to compliment our performance intake systems; in doing so, the Super SES provides maximum horsepower and torque across the power band. The Super SES exhaust system is manufactured from 100% 304 stainless steel. Each exhaust system features a 3.0" CNH mandrel-bent stainless steel tubing, CNH machined flanges, and robotic TIG welding, finished off with a polished 4.0" tip. If you're looking for quicker throttle response and additional horsepower without sacrificing reliability, Injen's exhaust is what you're after!

Exhaust 3.0" Cat back with 4.0" tip

WRX, STI	2002-06	**NJSES1201RS**	$680.00	***SALE $612.00***

Up-Pipe

Typically the first modification for WRX enthusiasts is the Injen up-pipe. The up-pipe eliminates the first of three factory catalytic converters in the Impreza WRX and Sti. This is one of the most popular modifications due to the power gains and protection to your turbo. By eliminating the pre-turbo catalytic converter, it eliminates the possibility of the catalytic converter deteriorating and breaking apart, which can send metal pieces into your turbine and, in turn, damaging your turbo. In addition, the additional flow to your turbo will result in quicker spool time so you can get a better throttle response. Injen's up-pipe is built from T304, 2.0" stainless steel tubing throughout, maximizing exhaust flow for a faster turbo response. Injen's design incorporates 1/2" die casted and machined flanges and even includes studs and an O2 sensor bung for a direct replacement. Note: like most aftermarket up-pipes for the WRX, this removes 1 of the 3 factory catalytic converters. This modification may void your Subaru warranty. For off road use only. Please check local laws and vehicle warranty information prior to purchase.

WRX (MT)	2002-06	**NJSES1200UP**	$249.90	***SALE $224.90***

Down Pipe

If you're looking for a noticeable power increase out of your Subaru, then Injen's down pipe is a must have. Injen's down pipe is built from 3.0"mandrel bent stainless steel tubing for maximum flow and durability. The connecting head to the turbo is constructed from a one-piece cast stainless steel collector. The down pipe will maximize exhaust flow, allowing your turbocharger to spool up faster, giving you quicker throttle response. Note: This down pipe eliminates one of the three catalytic converters. This modification may void your Subaru warranty and is for off-road use only. Please check local laws and vehicle warranty information prior to purchase.

WRX, STI	2002-06	**NJSES1200DP**	$379.49	***SALE $341.54***

Intercooler

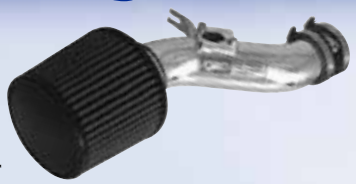
Suby Solutions is proud to offer Injen's front mount intercooler kit. Specifically designed for the Subaru Impreza it's completely bolt-on and comes with all the necessary hoses, clamps, and hardware. Injen's front mount intercooler retains the stock reinforcement bar and mounts to the factory mounting points. Injen's large tube and fin core design will ensure cooling efficiency in all conditions. Not only will you notice a considerable power increase, Injen's tuned piping will dress up the inside of your engine compartment, giving your Subaru a more unique look.

WRX	2002-06	**NJSES1200FM**	$1088.85	***SALE $979.95***
STI	2004-06	**NJSES1201FM**	$1088.85	***SALE $979.95***

Sale Prices are Good Through March 30, 2007

Injen Performance

Cold Air Intake Systems



If you're looking to achieve mid-range power without sacrificing engine reliability, Injen cold air intake systems are the answer you're looking for! Each intake system is built from lightweight 6061, T-6 aluminum mandrel bent tubing. The intake tube is strategically placed behind the front bumper to acquire colder, denser air. Injen has engineered these intakes to work with the stock MAF sensor, ensuring that you get an accurate air fuel map. Not only will you notice a power increase from Injen's intake system, the quality and appearance will allow you to dress up the engine compartment of your Subaru. All Injen intakes are certified or pending by the California Air Resource Board and backed by Injen Technology's limited lifetime warranty.

Polished

Forester XT	2004-05	**NJRD1206P**	$272.00	***SALE $244.80***
Impreza RS 2.5L	2000-01	**NJRD1210P**	$303.45	***SALE $273.10***
Impreza RS 2.5L	1998-99	**NJRD1220P**	$312.50	***SALE $281.25***
Impreza RS 2.5L	2005	**NJRD1222P**	$272.00	***SALE $244.80***
WRX 2.5L	2006	**NJSP1202P**	$266.50	***SALE $239.85***
STI	2004-05	**NJSP1201P**	$289.00	***SALE $260.10***
WRX, no wagon	2002-05	**NJRD1200P**	$267.75	***SALE $240.95***
WRX wagon	2002-05	**NJRD1205P**	$294.50	***SALE $265.05***

Wrinkle Finish Red

STI	2004-05	**NJSP1201WR**	$289.00	***SALE $260.10***
WRX, no wagon	2002-05	**NJRD1200WR**	$267.75	***SALE $240.95***

Short Ram Intake
(recommended for modified WRX w/ turbo upgrade)

WRX	2002-05	**NJIS1200P**	$178.50	***SALE $160.65***

Short Shifter

SSI offers a short throw shifter for late model Subarus. All shifters are CNC machined from 7071 aircraft grade billet aluminum. These shifters reduce throws by 40% and knob height by approximately 2 inches. Our short shift kits are a direct bolt-in installation and designed to work with the stock shift knob. They feature a red anodized finish with our laser etched logo. Includes instructions that will help you install your short throw shifter in about 30 minutes.

Impreza	1996-2006	**NJSTS1**	$139.00	***SALE $125.10***
WRX	2002-06	**NJSTS2**	$139.00	***SALE $125.10***

2005 models require light modification.
Give us a call. We're glad to help!

SSI Radiator Shroud

The **SSI** radiator shroud will prevent air from escaping over the top of the radiator and help to reduce coolant temperature. Not only is the radiator shroud functional, it also enhances the appearance of your engine compartment. Made of lightweight aluminum, it is available anodized clear or anthracite, topped off with our SSI logo. This plate bolts on in minutes using ordinary hand tools.

Fits WRX STi (2002-05)

Radiator shroud in anthracite	**NJ60-100A**	$79.00	***SALE $71.10***
Radiator shroud in clear	**NJ60-100C**	$79.00	***SALE $71.10***

Suspension

Safety Anti-Sway Bars

Sharp corners and emergency swerves can cause your Subaru to lean excessively. Keep control with an upgraded anti-sway bar from SSI.

Our cad-plated 4140 Chro-Moly anti-sway bars give you a greater sense of control behind the wheel. Flatter cornering. Quicker responses to steering input. An increased margin of safety. Plus increased traveling comfort for both you and your passengers. **SSI** anti-sway bar kits can be installed with common hand tools in under a couple of hours. By far our most popular suspension upgrade, an **SSI** anti-sway bar kit will give you years of trouble free service. You'll feel the change every time you drive your Subaru.

The adjustable bars give you 3 roll stiffness settings offering the understeer, neutral and oversteer handling characteristics of a 22mm, 23mm and 24mm bar by varying the length of the moment arm. **SSI** HD mounting brackets, bushings, and end links provide the ultimate in reliability and performance. Factory mounting points are retained so no cutting or drilling is required. Quick adjustments can be made with regular hand tools.

Each kit is designed to be complete and easy to install with all necessary hardware included.

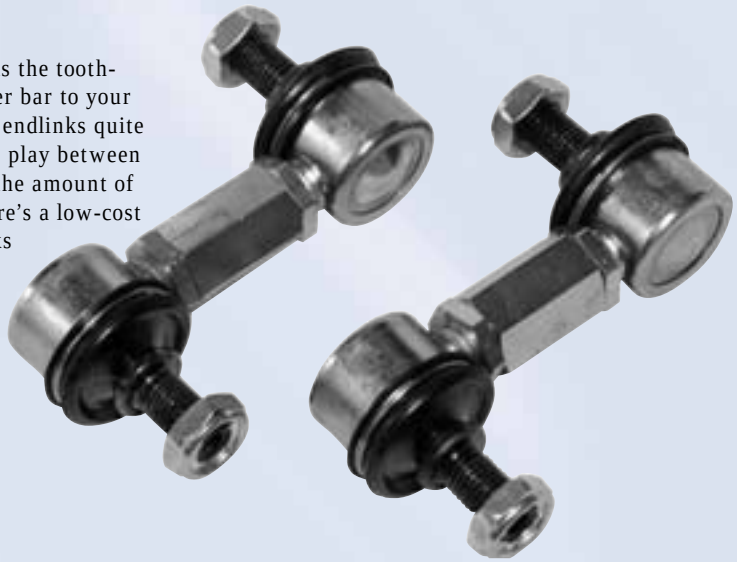
WRX rear sway bar kit

Impreza, RS non turbo models	1995-2006	Front 7/8″	**NJ40-1008**	$107.35
WRX	2002-06	Front 7/8," Rear adjustable 7/8"	**NJ40-1000**	$350.45
WRX	2002-06	Rear adjustable 7/8"	**NJ40-1001**	$244.25
WRX	2002-06	Front 7/8"	**NJ40-0008**	$138.00
Legacy GT	2005-06	Front 7/8", Rear non-adj 3/4"	**NJ40-1011***	$258.00
Legacy Outback	1996-99	Rear adjustable 7/8"	**NJ40-1002**	$157.95
Forester	1998-2002	Rear adjustable 3/4"	**NJ40-1003**	$166.80
Forester	2003-06	Rear adjustable 3/4"	**NJ40-1004**	$119.00
Baja	2005	Rear non-adjustable 7/8"	**NJ40-1005***	$133.65
Legacy, GT, Outback	2000-04	Rear non-adjustable 7/8"	**NJ40-1005***	$133.65
Legacy, GT, Outback	2005-06	Rear non-adjustable 3/4"	**NJ40-1010***	$157.00
STI	2004-06	Rear adjustable 7/8"	**NJ40-1006**	$201.45
STI	2004-06	Front 7/8," Rear adjustable 7/8"	**NJ40-1007**	$307.55
Impreza, RS	1993-2006	Rear adjustable 3/4"	**NJ40-0009**	$246.25
Impreza, NA	1993-on	Front and Rear	**NJ40-1018**	$349.99

*** This sway bar is NOT adjustable.**

AVO Endlinks

One of the weakest links in your stock Subaru suspension is the tooth-pick-size endlinks utilized by Subaru to connect your stabilizer bar to your suspension. Not only is the mid-section on most Subaru OEM endlinks quite thin, but the joints on the ends are usually loose, adding extra play between your stabilizer bar and suspension. This extra play increases the amount of distance your car will roll, squat and dive before reacting. Here's a low-cost solution to firm up your handling performance. These endlinks work with lowered and stock height cars.



Most models	front endlink	**NJAVO26SJ**	$74.99	***SALE $69.99***
Most models	rear endlink	**NJAVO26J**	$74.99	***SALE $69.99***

NEW!

on SALE now

Cusco Braces

Under heavy cornering loads and rough surfaces your chassis can actually flex. Cusco braces your chassis to stop this flex action, as well as adding strength and helping chassis longevity. Cusco braces made of tubular aluminum to help reduce weight without compromising strength. Coated in the classic Cusco blue, or polished to perfection offering years of protection against the elements while adding to the overall look. Cusco chassis braces are multi-point setups and include all the required hardware for installation, and bolts on easily using normal hand tools.

Impreza/WRX/STI	2002-07	Type OS Front Strut Brace	**NJ667-540-A**	$179.99	***SALE $159.99***
Impreza/WRX/STI	2002-07	Type OS Rear Strut Brace	**NJ666-541-A**	$179.99	***SALE $159.99***
Impreza/WRX/STI	1993-07	Type OS-T Rear Strut Brace	**NJ660-544-A**	$139.99	***SALE $129.99***
WRX/STI	2002-07	Type II Front Lower Arm Bar	**NJ666-477-A**	$179.99	***SALE $159.99***
Legacy	2005-07	Type OS Front Strut Brace	**NJ684-540-A**	$179.99	***SALE $159.99***
Legacy	2005-07	Type OS Rear Strut Brace	**NJ684-541-A**	$179.99	***SALE $159.99***
Legacy	2005-07	Type II Front Lower Arm Bar	**NJ684-477-A**	$179.99	***SALE $159.99***
Legacy	2005-07	Type II Rear Lower Arm Bar	**NJ684-478-A**	$179.99	***SALE $159.99***

on SALE now

Fulcrum Bushings

Replacing weak and soft rubber with durable polyurethane bushings that can also allow greater caster settings allowing for stronger 'return to center' steering feel, and less pull in 'ruts' often associated with wider tires. Subaru Legacy GT owners...this is what your suspension should have had all along! There are 3 options available. 'Standard' maintains your current alignment settings. 'Offset' adds caster to your alignment for additional help with rutted roads. 'Mixed' adds castor to only one side to help with alignment caster(pull) corrections. If you are unsure, see your alignment shop before purchase.

Legacy GT	Fulcrum bushings standard	**NJSPF2801K**	$125.00	***SALE $105.00***
Legacy GT	Fulcrum bushings mixed	**NJSPF2802K**	$125.00	***SALE $105.00***
Legacy GT	Fulcrum bushings Offset	**NJSPF2803K**	$125.00	***SALE $105.00***

NEW!

NEW!

on SALE now

Transmission Mount Upgrade

At last a polyurethane transmission mount upgrade for your Automatic equipped Subaru. Fits all models 1995 and newer! Improved shift feel, and enhanced response. Available in 2 levels of stiffness.

Auto Trans. Mount Bushing Comfort/Street	**NJRTK-4EATSK**	$49.99	***SALE $39.99***
Auto Trans. Mount Bushing Hard/Race	**NJRTK-4EATHK**	$49.99	***SALE $39.99***

Suspension Upgrades

NEW!

Cusco Coilovers - 'The Best in the Business'

The Zero-1 suspension kit is the first level in the Zero-Series lineup. This kit is ideal for the enthusiast that wants excellent performance without breaking the bank. Offering all the features of the Zero-Series, the kit includes upper perch, dust cover, bump stop, shock, spring, and spanner wrenches. Even though this kit does not offer adjustable dampening, upgrading to the adjustable Zero-2 shock at a later date is available. Installation is straightforward and bolts on using normal hand tools.

The Cusco Zero-2E suspension kit features quality components and 5 levels of dampening. For the more performance oriented consumer, the adjustable dampening allows greater tuning of the suspension. The kit includes upper perch, dust cover, bump stop, shock, spring, and spanner wrenches. Installation is straightforward and bolts on using normal hand tools. The Zero2E also allows in car shock control with the addition of the Cusco E-Con, sold seperately.

The Zero-2R is the design that is seen in most JGTC and WRC competition vehicles is now offered through Cusco's top of the line suspension kit. Featuring all the standard characteristics of the Zero-Series lineup, the 2R's offer the inverted shock piston design. Available for McPhearson strut style suspensions; the oversized shock piston is ideal to add rigidity to the suspension. Cusco's patented oil circulation method offers extremely low friction surface inside the shock while retaining excellent ride quality. With the 5-way adjustable shocks, the suspension can be fine tuned for any driving condition. The kit includes upper perch, dust cover, bump stop, shock, spring, and spanner wrenches. Installation is straightforward and bolts on using normal hand tools.

Zero-1 Coilover Suspension

Impreza	1993-2001	**NJ660-60E-CP**	$1960.00	***SALE $1799.99***
Impreza/WRX 2002-07 STI 2004 only		**NJ667-60E-CP**	$1960.00	***SALE $1799.99***
STI	2005-07	**NJ672-60E-CP**	$1960.00	***SALE $1799.99***
Legacy Wgn	2005-07	**NJ684-60E-V**	$1550.00	***SALE $1399.99***

Zero-2E Coilover Suspension

Impreza	1993-2001	**NJ660-60L-CP**	$2280.00	***SALE $1999.99***
Impreza/WRX 2002-07 STI 2004 only		**NJ667-60M-CP**	$2280.00	***SALE $1999.99***
STI	2005-07	**NJ672-60M-CP**	$2280.00	***SALE $1999.99***
Legacy	2005-07	**NJ684-60L-CN**	$2280.00	***SALE $1899.99***

Zero-2R Coilover Suspension

Impreza	1993-2001	**NJ660-60R-CP**	$2670.00	***SALE $2399.99***
Impreza/WRX 2002-07 STI 2004 only		**NJ667-60R-CP**	$2670.00	***SALE $2399.99***
STI	2005-07	**NJ672-60R-CP**	$2670.00	***SALE $2399.99***

Eibach Springs

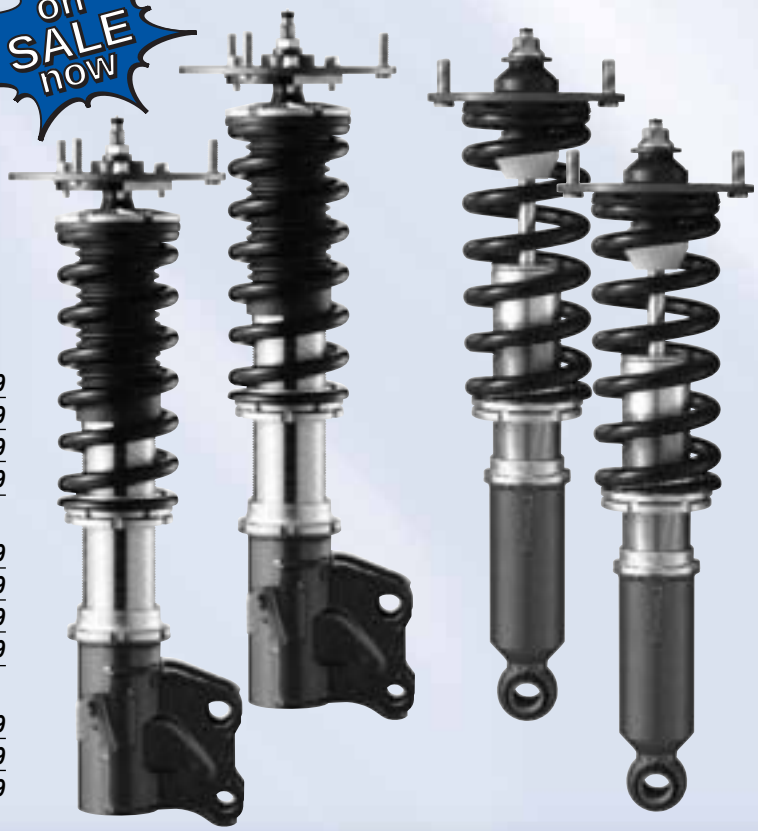
Eibach Pro-Kit springs utilize a dual rate design to be as soft as possible while still being as firm as possible. The smooth, softer initial characteristic improves traction and provides comfortable cruising while the sportier and firmer final rate reduces body roll and is more responsive under cornering, braking and accelerating.

Eibach springs provide exceptional handling and precise vehicle responsiveness and stability with minimal effect on ride quality.

Eibach Pro kits are $259.95 for a set of 4 springs

Legacy 4cyl. AWD & Wgn	01/97-12/98	**NJ7706.140**	Lowers Frt 1.2" Rear 1.2"
Outback	2002-04	**NJ7712.140**	Lowers Frt 1.2" Rear 1.2"
Impreza 4cyl.	1993-2001	**NJ7705.140**	Lowers Frt 1.3" Rear 1.2"
Impreza WRX (exc STI)	2002-03	**NJ7710.140**	Lowers Frt 1.3" Rear 1.0"
Impreza WRX wagon	2002-03	**NJ7711.140**	Lowers Frt 1.1" Rear 1.1"
WRX, STI	2004-06	**NJ7713.140**	Lowers Frt 1.0" Rear 0.6"
WRX sedan	2004-06	**NJ7714.140**	Lowers Frt 1.2" Rear 1.0"
WRX wagon	2004-06	**NJ7715.140**	Lowers Frt 1.2" Rear 1.0"

on SALE now



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Braking and Protection

Skid Plates

Take time to protect your oil pan and transmission before it's too late. The stamped steel oil pans and aluminum gearboxes are vulnerable to damage from debris and large potholes. Once damaged, the car cannot be driven without ruining the engine, and oil pan replacement can cost you hundreds of dollars in parts and labor!

Our skid plate is made of hydro-cut aluminum plate, over 1/8" thick. Access to all service points is retained for ease of maintenance. Aluminum construction is light and extremely strong. Easy to install!

Legacy Outback	2000-04	**NJ60-001**	$189.95
Legacy GT, Outback*	2005-06	**NJ60-006**	$199.95
Forester	2002-05	**NJ60-002**	$179.95
WRX	2002-05	**NJ60-002**	$179.95
WRX, STI	2004-05	**NJ60-002**	$179.95

*** Turbo models only.**
Skid plates ship at 30 lbs. due to oversize.

GC8 1993-01 available soon.

Project MU SCR One Piece Rotors and SCR-Pro Two Piece Rotors

SCR SERIES:

Project Mu is Japan's premier brake performance manufacturer. They are proud to bring Subaru vehicles the SCR rotor line up. All rotors incorporate a slotted surface to facilitate better pad wear while maximizing off gas venting and braking performance. SCR rotors also feature a specially designed internal vane to improve heat dissipation from the rotor surface. SCR rotors are developed out of high-strength FC Cast Iron material and are heat-treated for reliability and thermal stability under aggressive driving conditions. The SCR rotors also give your Subaru's brakes a more aggressive look.

SCR-PRO SERIES:

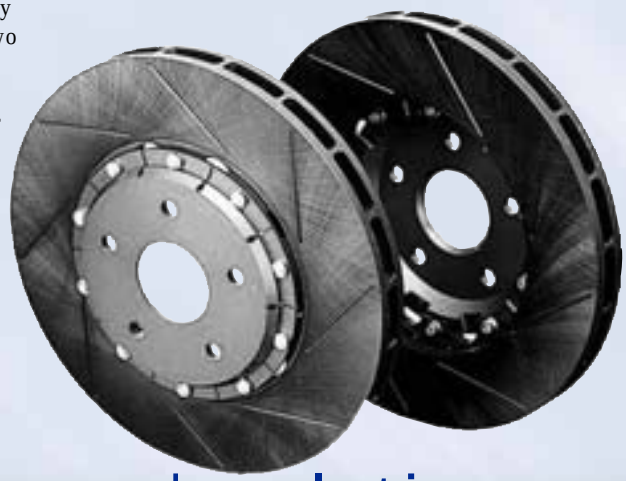
If your looking to take braking one step up from the SCR series, the SCR-PRO Two piece is great for race applications. The SCR-PRO Two Piece rotors are constructed out of FC Cast Iron material that is heat-treated for reliability and strength. The all fixed bell housing is made from a billet aluminum alloy for strength as well as reduction of un-sprung weight. The Two Piece rotor assembly looks very aggressive with its Black Chrome finish and slotted surface. If your looking to replace the factory rotors on your Subaru, Project MU has the answer for the best stopping capabilities at an affordable price!

SCR Rotors

WRX 2002-05	Front	**NJPSCRF052S**	$459.99
STI 2004-06	Front	**NJPSCRF054**	$459.99
STI 2004-06	Rear	**NJPSCRF055**	$459.99

SCR Pro Rotors

WRX 2002-05	Front	**NJPGPF053S**	$699.00
WRX 2002-05	Rear	**NJPGPR053S**	$699.00
STI 2004-06	Front	**NJPGPF054**	$699.00
STI 2004-06	Rear	**NJPGPR054**	$699.00



Project MU Brake Pads

If your looking for street brake pads with superior initial stopping power, Project MU has the answer! Project MU's NS series of brake pads gives you outstanding stopping power once the pedal is engaged. Project MU pads will withstand aggressive driving and setting up for corners, yet still keeping wear and tear on your rotors to a minimum. Another great feature about the NS brake line, they will combat the annoying brake dust and squealing you would normally experience on a performance pad. (Applicable Rotor Temperature Front & Rear) 0-400 deg. Celsius.

Project MU Pads

WRX 2002	Front	**NJPSF913**	$84.99
WRX 2002	Rear	**NJPSR912**	$84.99
WRX 2003-05	Front	**NJPSF914**	$84.99
WRX 2003-05	Rear	**NJPSR914**	$84.99
STI 2004-06	Front	**NJPSF906**	$95.00
STI 2004-06	Rear	**NJPSR906**	$95.00

(for more applications, please see www.rallitek.com)

NEW!

Tech Talk

Cooling System Corrosion

by Rob "Lucky" Arnold

Subarus aren't necessarily known for cooling system corrosion problems but I prescribe by the motto "an ounce of prevention is worth a pound of cure." Interest was peaked when I bought a new heater core and found this message on a big red warning tag in the box. "Electrolysis is the transfer of metals in a cooling system caused by either ionized coolant, or incorrect engine grounds. The electricity flowing through the coolant system can cause pinholes to form in the heater core and/or radiator. Proper servicing of the coolant, and correct installation of the engine grounds should eliminate electrolysis."

This got me thinking about how a little cooling system maintenance can prolong cooling system parts, especially heater cores and radiators. So how do I test to determine the condition of my coolant in respect to electrolysis? The easiest way is to start the engine and use a digital volt meter on DC voltage setting. Place the negative lead of the meter on the negative battery terminal and place the positive lead of the meter into the coolant. A voltage reading above 0.300 volts DC can cause pinholes to develop in the heater core or radiator. Be careful when running the engine without a radiator cap on and never open a radiator cap when the engine is hot! The simple fix for acidic coolant is to flush the cooling system with fresh coolant as well as using a product that helps clean and balance the PH of the coolant like Water Wetter from Redline. Check out Redlines excellent web video on cooling systems using Water Wetter at www.redlineoil.com/products_coolant.asp

If you really want to know the acidity or alkalinity of your coolant you can use PH strips like the ones you may remember from high school science class. When dipped into a liquid the ph strips will turn a color based on the ph level of the liquid, this can then be measured against a scale to determine the ph level of your coolant. This is a bit over the top but we never can tell how many science teachers are out there. The best advice is: When in doubt, change it out.

CLICK FOR SAVINGS

Get the Latest in Specials, Newest Products, Close-outs, and Tech Tips, all Sent to Your Computer

Be first in line to receive our latest MODEL SPECIFIC information via email before the rest of our mail order customers. Some specials will only be available by email so you'll get the greatest opportunity to SAVE EVEN MORE! Call us at 1-888-773-1212 or go online to www.ipdusa.com/email to send us your email address. Don't worry - we NEVER sell your information to anyone, EVER. There will always be the opportunity for you to opt out, so you aren't obligated to continue receiving information that you don't want or need. You'll automatically be entered in a free monthly giveaway. Sign up today at **www.rallitek.com**.

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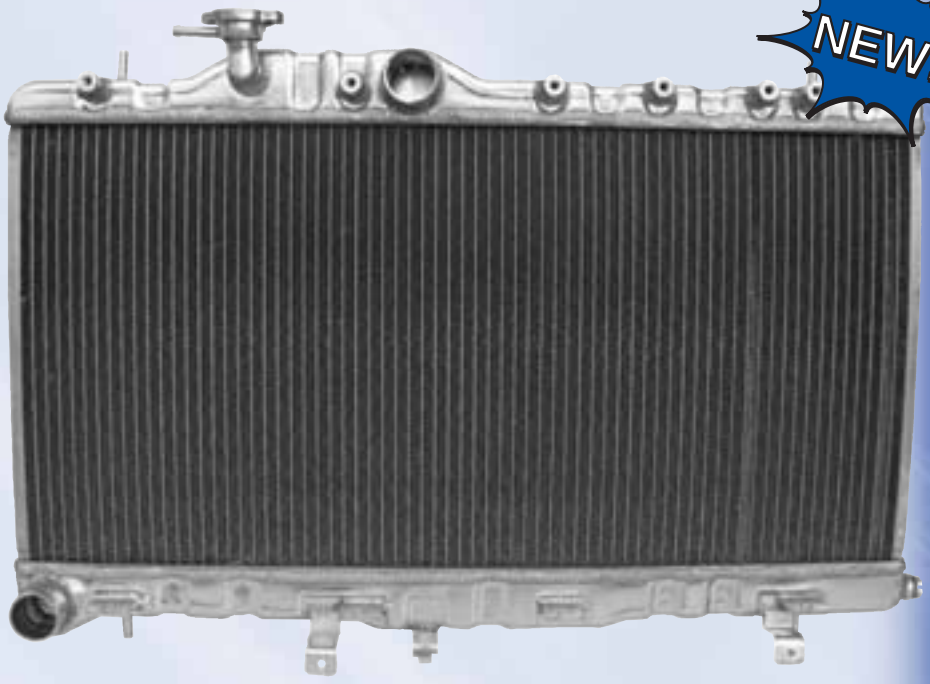
Heating and Cooling



High Performance Aluminum Radiator

SSI/RalliTEK is proud to bring you an upgraded aluminum radiator for your Subaru WRX/STI. Over the years your stock radiator can create conditions that will gradually reduce the cooling efficiency. Build-up of road grime on the front side of the radiator will reduce the surface area being cooled throughout the radiator, eventually becoming an issue where it will not be able to cool effectively. Our all metal aluminum radiators will help increase the longevity of your radiator against internal corrosion. Our aluminum radiators are internally one core design, but two core radiators are available for race applications.

WRX/STI	2002-06	Radiator one core	**NJ3036**	$373.95
WRX/STI	2002-06	Radiator two core	**NJ3037**	$471.15
Subaru	all models	Thermostat	**NJ21200-AA010**	$12.95
Subaru	all models	Thermostat Seal	**NJ21236-AA010**	$3.95

WaterWetter® Supercoolant by Redline

A unique wetting agent for cooling systems which reduces coolant temperatures by as much as 30°F.

Water Wetter® (12oz) **NJRLWW** $9.95

Samco Hoses

Samco is recognized as the ultimate silicone manufacturer in the world. When it comes to quality you know you're getting the best when it sports the Samco name. Samco radiator hoses are made from strong durable silicon 3 ply and will improve flow when compared to stock hoses. Increase the appearance, style, and safety of your engine and cooling system.

WRX/STI	2002-06	Radiator Hose Kit Blue	**NJTCS135C/BLU**	$123.75
Impreza New Age/Version8	2001-04	Ancillary Hose Kit (9)	**NJTCS135C/ABLU**	$190.04
Impreza 2.0/2.5 WRX/STI	9/2000-on	Radiator Hose Kit (2)	**NJTCS135C/BLU**	$123.75
Impreza 2.0 WRX/STI	2004-on	Turbo Piping Kit (3)	**NJTCS292/BLU**	$111.88
Impreza 2.0/2.5 WRX/STI	2000-04	Turbo Piping Kit (4)	**NJTCS209/BLU**	$121.24

Interior

Molded Plastic Mats by Husky

Husky floor mats are specially designed to fit snugly into your Subaru. Tiny nubs on the underside help create a non-slip grip, and the built-up lip keeps dirt in its place, off your vehicles carpet. Help maintain the resale of your Subaru by keeping the carpets looking new. Not to mention that wet carpets create a musty, moldy smell in your car and can lead to corrosion and rust problems. Available colors are gray and tan.

Husky Floor Mats are $71.95/pair

Note: Replace "X" in part # with T: Tan or G:Gray

		Front	Rear
Forester	1999-05	NJ3405X	NJ6404X
Legacy, Outback	1998-04	NJ3400X	NJ6400X
Baja	2003-05	NJ3400X	NJ6400X
Legacy	2005	NJ3401X	NJ6401X
WRX	2000-04	NJ3400X	NJ6404X

10% OFF

Endura Seat Covers for Front and Rear Seats

- Protects your seats.
- Won't interfere or prohibit proper side air bag deployment.
- Rugged, water-tight Endura® fabric resists snagging and tears.
- Available colors: Tan, Charcoal, Black

Break-away velcro is the key to our safety minded seat covers!

	Front Seat Cvrs $179.95 pair *SALE $161.95*	Rear Seat Cvrs $179.95 ea *SALE $161.95*
Forester		
1998-2000	NJ63-S3208 BLK/TAN/GRY	NJ63-S3209 BLK/GRY/TAN
2001-02	NJ63-S3210 BLK/GRY/TAN	NJ63-S3209 BLK/GRY/TAN
2003-04	NJ63-S3230 BLK/GRY/TAN	NJ63-S3231 BLK/TAN
Legacy		
1990-97 sdn/wgn	NJ63-S3203 BLK/GRY/TAN	wgn w/2 hdrests NJ63-S3205 BLK/GRY/TAN
1998-99 sdn/wgn	NJ63-S3207 BLK/GRY/TAN	wgn w/2 hdrests NJ63-S3205 BLK/GRY/TAN
1998-99 sdn/wgn	NJ63-S3207 BLK/GRY/TAN	wgn w/o hdrests NJ63-S3206 BLK/GRY/TAN
2000 wgn	NJ63-S3218 BLK/GRY/TAN	w/2 hdrests NJ63-S3205 BLK/GRY/TAN
2000-03 wgn w/o side airbag	NJ63-S3218 BLK/GRY/TAN	w/3 hdrests NJ63-S3219 BLK
2001-03 wgn w/side airbag	NJ63-S3221 BLK/GRY/TAN	w/3 hdrests NJ63-S3219 BLK
Impreza		
2002-04 wgn	NJ63-S3224 BLK/GRY/TAN	NJ63-S3225 BLK/GRY/TAN
2002-04 sdn	NJ63-S3226 BLK/GRY/TAN	NJ63-S3227 BLK/GRY/TAN
Baja		
2003-04	NJ63-S3232 BLK/GRY/TAN	NJ63-S3233 BLK/GRY/TAN

Heated Blanket

Cold mornings in the car are more bearable with SSI's new 12v heated blanket. No more waiting for the car to warm up until you can thaw out. Made from polyester fleece with a built in timer and auto shut off this blanket makes a great gift. Long cord reaches back seat, up to 8-feet away. 42" x 58"

Heated Blanket **NJTW1** $36.95 ***SALE $33.25***

Sale Prices are Good Through March 30, 2007

NEW!

Universal Fit Pet Pads

- Durable fabric with cushioned padding make for a comfy ride.
- Water and mud resistant.
- Fits wagons and sedans with velcro straps to hold the cover in place.
- Quick removal when two-legged passengers come along for the ride.
- Bench seat, bucket seat, and cargo area styles
- Available colors: Charcoal and Tan

Universal Fit Pet Pads: Available in Charcoal and Tan

Bench seat pet pad in tan	**NJ63-00020TN**	Reg. $89.95 ea	***SALE $80.95***
Bench seat pet pad in charcoal	**NJ63-00020CH**	Reg. $89.95 ea	***SALE $80.95***
Bucket seat pet pad in tan	**NJ63-00010TN**	Reg. $49.95 ea	***SALE $44.95***
Bucket seat pet pad in charcoal	**NJ63-00010CH**	Reg. $49.95 ea	***SALE $44.95***
Cargo area pet pad in tan	**NJ63-00030TN**	Reg. $109.95 ea	***SALE $98.95***
Cargo area pet pad in charcoal	**NJ63-00030CH**	Reg. $109.95 ea	***SALE $98.95***

Backseat Barrier

Dogs moving around freely in cars are a safety hazard to themselves, the driver, and the passengers. The Backseat Barrier keeps everyone safe by creating a strong wall between the front and back seats of the car. This wall keeps the dog safely in the backseat when the car stops quickly and restricts excited pups from moving between the front and back seats of the vehicle. The Backseat Barrier also has an extra partition, which separates passengers from dogs in the backseat. Great for long trips, or just around town.

One size fits all 2 felts **NJ00006** $49.95

10% OFF

Adjustable Dog and Cargo Gate

Both you and your pet are much safer and more comfortable with him in the back, and you don't have to worry about the great escape when you open the car doors.

This easy-to-install barrier requires no tools for assembly or installation. Simply adjust the unit to fit any Subaru wagon... no need to drill holes or alter the vehicle. Rubber bumpers keep the barrier in place while protecting the interior. Tough welded steel frame with powder coat finish. Easily removed in just a few seconds. For all wagons.

Cargo gate for all wagons **NJ17600** $69.95

Trunk Organizer

Here's an innovative trunk/cargo organizer, featuring a spring system that allows it to pop open instantly when you need it most. Organize contents with sturdy integrated dividers into multiple compartments. It has comfortable handles for easy carrying and constructed of durable, water resistant material. Two handy outside mesh pockets are perfect for small accessories. Tractor Tread and Velcro® Strips prevent sliding. Folds away to provide easy storage when not in use. Dimensions: Open - 18"L x 18"W x 8"H Folded - 18"L x 8.5"W x 4"H.

Organizer **NJ32676** $39.95

NEW!

BLADES & BULBS

PIAA Silicone Wiper Blades

If you're tired of streaky windows and chattering blades every time you want to use your wipers, SSI has the solution. PIAA offers a superior silicone wiper blade that is durable enough to withstand all kinds of weather conditions. Yes they are a little on the spendy side, but we have tested them and they have proven to be a fantastic wiper blade. PIAA wiper blades have a one-year warranty. Give them a try, we guarantee you will like them.

Baja	2003-04	22"	driver side	**NJ93055**	$22.90 ea
Baja	2003-04	20"	passenger side	**NJ93050**	$22.90 ea
Baja	2005	24"	driver side	**NJ93060**	$25.90 ea
Baja	2005	18"	passenger side	**NJ93045**	$19.90 ea
Forester	2003-06	22"	driver side	**NJ93055**	$22.90 ea
Forester	2003-06	19"	passenger side	**NJ93048**	$19.90 ea
Forester	1998-2004	21"	driver side	**NJ93053**	$22.90 ea
Forester	1998-2004	19"	passenger side	**NJ93048**	$19.90 ea
Outback	1996-99	22"	driver side	**NJ93055**	$22.90 ea
Outback	1996-99	19"	passenger side	**NJ93048**	$19.90 ea
Outback	2000-04	22"	driver side	**NJ93055**	$22.90 ea
Outback	2000-04	20"	passenger side	**NJ93050**	$22.90 ea
Outback	2005-06	24"	driver side	**NJ93060**	$25.90 ea
Outack	2005-06	18"	passenger side	**NJ93060**	$25.90 ea
Legacy	1990-94	20"	driver side	**NJ93050**	$22.90 ea
Legacy	1990-94	18"	passenger side	**NJ93045**	$19.90 ea
Legacy	1995-99	21"	driver side	**NJ93053**	$22.90 ea
Legacy	1995-99	19"	passenger side	**NJ93048**	$19.90 ea
Legacy	2000-04	22"	driver side	**NJ93055**	$22.90 ea
Legacy	2000-04	20"	passenger side	**NJ93050**	$22.90 ea
Legacy	2005	24"	driver side	**NJ93060**	$25.90 ea
Legacy	2005	18"	passenger side	**NJ93060**	$25.90 ea
Impreza	1993-2001	21"	driver side	**NJ93053**	$22.90 ea
Impreza	1993-2001	18"	passenger side	**NJ93045**	$19.90 ea
Impreza	2002-06	22"	driver side	**NJ93055**	$22.90 ea
Impreza	2002-06	17"	passenger side	**NJ93043**	$19.90 ea

PIAA Xtreme White Bulbs

These bulbs project a nice-sharp-beam in a cool white/blue hue that reduces eye-strain and improves contrast. PIAA bulbs have SBE and DOT certification and a 1 year replacement warranty against any defects. These bulbs will not change the pattern of your lights, but the headlight output is significantly improved. The outward appearance is going to give you a bright white, similar to H.I.D's that you may have seen on other cars like BMW, Mercedes, and Lexus.

Headlight Bulbs by PIAA

Baja	2003-04	H1 low-beam	**NJ11655**	$78.00 pr
Baja	2003-04	9005 hi-beam	**NJ19615**	$87.50 pr
Forester	1998-2005	H4 hi/low beam	**NJ15260**	$72.40 pr
Outback, Legacy	1992-99	H4 hi-beam	**NJ15260**	$72.40 pr
Outback	2000-04	H1 low beam	**NJ11655**	$78.00 pr
Outback	2005	H7 low-beam	**NJ17655**	$84.95 pr
LOutback	2000-05	9005 hi-beam	**NJ19615**	$87.50 pr
Legacy	1990-91	9004 hi/low beam	**NJ19614**	$91.95 pr
Legacy L	2000-04	9007 hi beam	**NJ19617**	$91.00 pr
Legacy	2005	H7 low beam	**NJ17655**	$84.95 pr
Legacy	2005	9005 hi-beam	**NJ19615**	$87.50 pr
Legacy GT, Limited	2000-04	H1 low beam	**NJ11655**	$78.00 pr
Legacy GT, Limited	2000-04	9005 hi-beam	**NJ19615**	$87.50 pr
Impreza	2002-03	9007 hi/low beam	**NJ19617**	$91.00 pr
Impreza	1993-2001	H4 hi/low beam	**NJ15260**	$72.40 pr
Impreza, WRX	2004-05	H1 low-beam	**NJ11655**	$78.00 pr
Impreza, WRX	2004-05	9005 hi-beam	**NJ19615**	$87.50 pr
Impreza, WRX	2006	9005 hi-beam	**NJ19615**	$87.50 pr
STI	2004-06	9005 hi-beam	**NJ19615**	$87.50 pr

Fog Light Bulbs for all Models

H3 70 watt fog light	**NJ15235**	$61.00 pr
H3 110 watt fog light	**NJ15255**	$62.00 pr

Tridon Replacement Wiper Blades

Driving in wet weather is stressful enough, even more when you can't see where you are going. Our Tridon replacement wiper blades make use of the latest technology and materials, at half the price of most other replacements. Keep your windshield clear and your visibility high all year long with a set of Tridon replacement blades.

Legacy	1990-94	18"-passenger side	**NJAWL18**	$4.90 ea
Legacy	1990-94	20"-driver side	**NJAWL20**	$4.90 ea
Legacy	1995-99	21"-driver side	**NJAWL21**	$7.95 ea
Outback	1996-99	19"-passenger side	**NJAWL19**	$4.90 ea
Outback	1996-99	22"-driver side	**NJAWL22**	$7.95 ea
Forester	1998-04	21"-driver side	**NJAWL21**	$7.95 ea
Legacy	2000-04	20"-passenger side	**NJAWL20**	$4.90 ea
Legacy	2000-04	22"-driver side	**NJAWL22**	$7.95 ea
Outback	2000-04	20"-passenger side	**NJAWL20**	$4.90 ea
Outback	2000-04	22"-driver side	**NJAWL22**	$7.95 ea
Impreza	2002-04	22"-driver side	**NJAWL22**	$7.95 ea
Baja	2003-04	20"-passenger side	**NJAWL20**	$4.90 ea
Baja	2003-04	22"-driver side	**NJAWL22**	$7.95 ea
Forester	2003-04	19"-passenger side	**NJAWL19**	$4.90 ea

Sale Prices are Good Through March 30, 2007

Tire Spy

Our tire pressure monitoring system automatically cycles through all four tires about four times every minute. The flashing tire on the display indicates which tire is currently being monitored. The system comes with pre-set high and low pressure and temperature limits and you can select metric or SAE units. You can also set your own activation limits. When the system senses a problem, you'll get both an audible and visual alert with specific details on the tire that is out of spec. Once installed and set up, the system functions automatically and doesn't require any user input to function and provide continuous real-time monitoring for the ultimate in safety and convenience.

Third Eye tire pressure monitoring system	**NJTPMS**	$238.00	***SALE $219.00***
Extra set of 4 sensors (for summer/winter wheel set)	**NJTPM-SET4**	$136.00	
Single sensor for spare tire	**NJTPMS-SPARE**	$31.00	

Kit includes: display, mounting bracket, wiring harness, four wheel transmitters and valves, and a user's manual

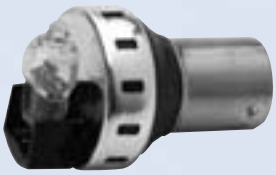
Back-up Camera

The **SSI** back-up camera provides great back-up protection when moving in reverse. The camera's 2.5 inch color LCD screen quickly mounts onto the dashboard or visor and the lens easily fits along the bottom or top edge of your license plate, providing safe rear-viewing while backing up. The camera has a 110° horizontal viewing angle and a 80° vertical angle for complete viewing coverage behind the car. The camera can be on at all times or activated only when the car is put into reverse. Works with both automatic and manual transmissions. Complete kit includes easy 3 wire connection to vehicle and included LCD screen dashboard mount.

Back-up Camera **NJCS300** $195.00

Back-Up Alert Bulbs

Now you can alert the kids in the driveway. Back-Up Alert is a bright halogen bulb with a small beeper that fits in the reverse light socket of your Volvo. Changing the bulb is all you do to install. Featured in a leading consumer magazine, Back-Up Alert is one of those little things that could make a big difference in your life. (Only 1 required).



Beep alert plus high output halogen bulb for increased visibility.

Back-up alert bulb up to 2000 models **NJ3E95920** $29.95 ea

Take The Guess Work Out Of Backing Up

Halogen Reverse Bulbs

Whether you're looking for an economy solution for brightening up your back-up lights, or willing to go the extra mile to get the best, we've got the halogen bulbs you're looking for.

Both bulbs offer 300% more light than your original back-up lights provide. Just replace your stock bulbs with these small 35 watt halogen bulbs, and you'll be shedding 108 candle power, not a feeble 32, on the objects behind you. Fits all models that take the #1073 or #1156 bulb.

The main differences between these bulbs is the whiteness of the bulb and the length of bulb life. But if you want to save a couple bucks, Narvas might be the choice for you!

economy reverse bulb by Narva (each) **NJ796** $7.95 ea

*Will not work on 2000 Subaru models

NEW!

Great Light

Our cordless rechargeable shop light is on the top of our favorite tech's wish list. With 36 super bright LEDs and reflective back plate, this is the light you've been looking for. Comes with both a 12v cigar lighter adapter and wall adapter so you can have the brightest light anywhere you need it. Powerful magnet on back and hook on top allow you to place this light in even the tighest spots. 3 hour run time means you won't have to stop and recharge right in the middle of your work. Complete recharge time in 3 to 4 hours.

Great Light **NJT3006** $49.95

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NEW: AVO Products
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Project MU Brake Pads
Performance Radiator
Dog Gate & Cargo Organizer

SSM
RALLITEK
P.O. Box 20339
Portland, Oregon 97294

CODE: NJ

Scan Gauge II - The 3-in-one Automotive Computer

The ScanGaugeII is an extremely compact automotive computer designed to read and display information about your vehicle in real time.

Simply connect the ScanGaugeII to your vehicle through it's OBDII port using the included cable, turn the ignition key and the ScanGaugeII automatically connects to your cars internal computer - it's that simple.

NEW!

SCAN TOOL The ScanGaugeII allows you to troubleshoot your own car, read error codes, and the conditions present when the error occurred. You can also turn off the "Check Engine" light and avoid those costly trips to the mechanic. It reads Trouble Codes. Reads conditions that set the Trouble Code. Clears Trouble Codes. Turns off the "Check Engine" light. Tells you when vehicle is "Ready" to pass OBDII testing. You can also make and store up to 10 rewritable special codes to send to the vehicle computer.

DIGITAL GAUGES Display 4 gauges at a time from the 12 built-in digital gauges. the information is presented in Real-time! Fuel Economy Fuel Rate Battery Voltage Coolant Temperature Intake Air Temperature Engine Speed (RPM) Vehicle speed (MPH) Manifold Pressure (not available on some vehicles) Engine Load Throttle Position Ignition Timing Open/Closed Loop

TRIP COMPUTER Automatically tracks four sets of trip data - Each with 11 individually stored parameters. Maximum Speed Average Speed Maximum Coolant Temperature Maximum RPM Driving Time Driving Distance Fuel Used Trip Fuel Economy Distance to Empty Time to Empty Fuel to Empty.

Scan Gauge 1996-on **NJT1002** $169.95 ea